

Student - Shashi Mishra

Date - 03/08/2022

प्रश्न
संख्या

मुख्य परीक्षा उत्तर पुस्तिका
(Mains Answer Sheet)



भारत का नं. 1 संस्थान
कौटिल्य एकेडमी
सफलता का पथ है।

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	Computer memory is the unit of <u>data storage</u> in any computer. e.g. <u>ROM, RAM.</u>
<input type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	Operating system are <u>user interface</u> in any computer to <u>connect</u> the <u>user</u> to the <u>computer</u> . e.g. <u>Windows operating system.</u>
<input type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	Fourth generation computers are computers those were developed during <u>1971-1980</u> . It was based on <u>Very large Integrated system Circuits (VLSI)</u>
<input type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4	Optical mouse are those mouse which use <u>light</u> to operate. Generally they use <u>LED (light emitting diode)</u>
<input type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	Compiler is the software used to convert the source code into machine language.
<input type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	<u>E-governance</u> is use of <u>Information-Communication Technology (I-C-T)</u> to deliver <u>government services</u> .
<input type="checkbox"/>	<input type="checkbox"/>		

प्रश्न
संख्या

मुख्य परीक्षा उत्तर पुस्तिका
(Mains Answer Sheet)



भारत का नं. 1 संस्थान
कौटिल्य एकेडमी
सफलता का प्रवेश द्वार...

<input type="checkbox"/> 1.	<input type="checkbox"/> 7	Probability is that branch of mathematics which uses <u>numerical statistics</u> to determine the <u>likely of occurrence of an event</u> .
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> 1.	<input type="checkbox"/> 8	Polymer are <u>large chain of molecules</u> . e.g. Polyethylene, Nylon, Teflon etc.
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> 1.	<input type="checkbox"/> 9	$1+3+5+7+9+11+13+15+17+19 = 80$ The sum of 1st ten odd numbers is <u>80</u>
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> 1.	<input type="checkbox"/> 10	Sampling of a method of <u>observation</u> by taking <u>inference or estimate</u> from a <u>selected subset of population</u> .
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> 1.	<input type="checkbox"/> 11	At. Yoga is a exercise that focuses on <u>physical, mental & spiritual wellbeing</u> .
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> 1.	<input type="checkbox"/> 12	National child health programme is focused on <u>reducing the child & infant mortality rate & increasing the life standard of children</u> .
<input type="checkbox"/>	<input type="checkbox"/>	

प्रश्न संख्या

मुख्य परीक्षा उत्तर पुस्तिका
(Mains Answer Sheet)



भारत का नं. 1 संस्थान
कौटिल्य एकेडमी
सफलता का पथ है द्वारा..

3.	3	$\boxed{\text{Mode} = 61}$
		$\text{Mean} = \frac{\text{Total sum}}{\text{Total No. (N)}}$
		$= \frac{61+10+88+37+61+62+55+71+45+22}{10}$
		$= \frac{513}{10}$
		$\boxed{\text{Mean} = 51.3}$
		Median =
		10, 23, 37, 45, 55, 61, 61, 62, 71, 88
		7 N = 10 which is an even no.
		$\frac{10}{2} = 5^{\text{th}} + 5^{\text{th}} + 6^{\text{th}}$
		Median = $\frac{55+61}{2}$
		$= \frac{116}{2}$
		$\boxed{\text{Median} = 58}$
		The relation between mean, median & mode is:
		$\boxed{\text{Mode} = \text{Mean} - 3(\text{Mean} - \text{Median})}$
		BA = 51.3 - 3(51.3 - 58)
		or 51.3 - 3(51.3 - 58)

प्रश्न
संख्या

मुख्य परीक्षा उत्तर पुस्तिका
(Mains Answer Sheet)



भारत का नं. 1 संस्वान
कौटिल्य एकेडमी
सफलता का पथ है द्वारा...

<input type="checkbox"/> 3.	<input type="checkbox"/> 4	AYUSH stands for <u>Ayurveda</u> , <u>Yoga</u> and <u>Naturopathy</u> , <u>Unani</u> , <u>Siddha</u> , and <u>Homeopathy</u> .
<input type="checkbox"/>	<input type="checkbox"/>	<u>Ayurveda</u> was started by <u>Mahishi Chauak</u> , <u>Yoga</u> by <u>Patanjali</u> , <u>Unani</u> is from <u>Arab scholars</u> , <u>Siddha</u> was propounded by <u>Tamil Siddha saints</u> and <u>Homeopathy</u> was from <u>German physicians</u> .
<input type="checkbox"/>	<input type="checkbox"/>	AYUSH is set of <u>traditional & non-traditional</u> medicinal system which also includes <u>physical exercises</u> , <u>meditation</u> , <u>mental & spiritual wellness</u> etc.
<input type="checkbox"/>	<input type="checkbox"/>	AYUSH system of medicines are based on <u>traditional plant based medicines & herbs</u> .
<input type="checkbox"/>	<input type="checkbox"/>	<u>Sowa Rigpa</u> of <u>Ladhakh</u> is latest addition to the list of AYUSH medicine system.
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	

प्रश्न
संख्या

मुख्य परीक्षा उत्तर पुस्तिका
(Mains Answer Sheet)



भारत का नं. 1 संस्थान
कौटिल्य एकेडमी
सफलता का पथ है द्वारा

<input type="checkbox"/>	<input type="checkbox"/>	Government of India has set up a
<input type="checkbox"/>	<input type="checkbox"/>	separate & dedicated sector ministry to
<input type="checkbox"/>	<input type="checkbox"/>	deal with AYUSH system. It is named
<input type="checkbox"/>	<input type="checkbox"/>	as <u>Ministry of AYUSH</u> .
<input type="checkbox"/>	<input type="checkbox"/>	Ministry of <u>AYUSH</u> has launched
<input type="checkbox"/>	<input type="checkbox"/>	several initiatives & programs to
<input type="checkbox"/>	<input type="checkbox"/>	popularise the <u>AYUSH Medicines System</u>
<input type="checkbox"/>	<input type="checkbox"/>	such as <u>National AYUSH Mission</u> .
<input type="checkbox"/>	<input type="checkbox"/>	It aims at :
<input type="checkbox"/>	<input type="checkbox"/>	① Promoting use of traditional
<input type="checkbox"/>	<input type="checkbox"/>	plant base medicines.
<input type="checkbox"/>	<input type="checkbox"/>	② Inclusion of Yoga as exercise
<input type="checkbox"/>	<input type="checkbox"/>	for physical & mental well being.
<input type="checkbox"/>	<input type="checkbox"/>	③ Promote awareness regarding
<input type="checkbox"/>	<input type="checkbox"/>	traditional medicine system of India.
<input type="checkbox"/>	<input type="checkbox"/>	<u>AYUSH system of medicine</u>
<input type="checkbox"/>	<input type="checkbox"/>	as traditional & non-chemical
<input type="checkbox"/>	<input type="checkbox"/>	based medicines has been promoted
<input type="checkbox"/>	<input type="checkbox"/>	under <u>AYUSH</u> so that the traditional
<input type="checkbox"/>	<input type="checkbox"/>	medicinal system can be preserved
<input type="checkbox"/>	<input type="checkbox"/>	& promoted.

प्रश्न
संख्या

मुख्य परीक्षा उत्तर पुस्तिका
(Mains Answer Sheet)



भारत का ज. 1 संस्थान
कौटिल्य एकेडमी
सफलता का पथ है।

<input type="checkbox"/> 3.	<input type="checkbox"/> 5	Sampling is the process of collecting data for ^{make} from a subset of population to $\hat{}$ inference regarding certain statistics & estimates.
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	There are various methods/types of sampling that are used to conduct it.
<input type="checkbox"/>	<input type="checkbox"/>	<u>Types of sampling:-</u>
<input type="checkbox"/>	<input type="checkbox"/>	① <u>Probability sampling</u> - It is based on estimates & inference based on probability. It is done on the basis of occurrence ^{likelihood} of an event's occurrence.
<input type="checkbox"/>	<input type="checkbox"/>	There are various methods to do probability sampling such as:
<input type="checkbox"/>	<input type="checkbox"/>	① Simple random sampling
<input type="checkbox"/>	<input type="checkbox"/>	② Cluster sampling
<input type="checkbox"/>	<input type="checkbox"/>	③ Systematic sampling
<input type="checkbox"/>	<input type="checkbox"/>	④ Stratified sampling
<input type="checkbox"/>	<input type="checkbox"/>	⑤ <u>Non-Probability sampling</u> - It is based on other methods than the probability sampling.

